

**DECLARATION, PETITION AND POWER OF ATTORNEY FOR
PATENT APPLICATION**

Attorney Docket No:
56247-155 (CSLL-639)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**EFFICIENT DIGITAL METHOD OF AND SYSTEM FOR DETERMINING THE INSTANTANEOUS
PHASE AND AMPLITUDE OF A VIBRATORY ACCELEROMETER AND OTHER SENSORS**

the specification of which (check only one):

 is attached hereto.

X was filed as United States Patent Application

Serial No. 09/837,827

on April 18, 2001

and was amended

on _____

(if applicable)

was filed as PCT Patent Application

Serial No. _____

on _____

and was amended under PCT Article 19

on _____

(if applicable)

I hereby state that I have reviewed and understand the contents of the specification, including the claims as amended by any amendment referred to herein.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. § 119:

| COUNTRY (if PCT indicate PCT) | APPLICATION NUMBER | DATE OF FILING (day, month, year) | PRIORITY CLAIMED UNDER 35 U.S.C. § 119 (YES/NO) |
|----------------------------------|--------------------|--------------------------------------|--|
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PATENT APPLICATION**

Attorney Docket No:
56247-155 (CSLL-639)

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

PRIOR U.S. APPLICATIONS FOR BENEFIT UNDER 35 U.S.C. § 119(e):

| APPLICATION NUMBER | FILING DATE |
|--------------------|-------------|
| | |
| | |

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior applications and the national or PCT international filing date of this application:

**PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATION(S) DESIGNATING THE U.S.
FOR BENEFIT UNDER 35 U.S.C. § 120:**

| APPLICATION NUMBER (if PCT indicate PCT) | DATE OF FILING (day, month, year) | STATUS: (PATENTED, PENDING OR ABANDONED) |
|---|--------------------------------------|---|
| | | |

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

| | | | |
|--------------------|-----------------|-------------------|-----------------|
| Mark G. Lappin | Reg. No. 26,618 | David M. Mello | Reg. No. 43,799 |
| Toby H. Kusner | Reg. No. 26,418 | Ronald R. Demsher | Reg. No. 42,478 |
| Elizabeth E. Kim | Reg. No. 43,334 | James W. Wiegand | Reg. No. 39,423 |
| Scott A. Ouellette | Reg. No. 38,573 | John T. Prince | Reg. No. 43,019 |
| Jeffrey J. Miller | Reg. No. 39,773 | | |

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|--|--|
| Send Correspondence to: Mark G. Lappin, Esq., P.C. McDERMOTT WILL & EMERY 28 State Street Boston, Massachusetts 02109-1775 | Direct Telephone Calls to: Mark G. Lappin (617) 535-4043 (617) 535-3800 (facsimile) |
|--|--|

Wherefore I petition that letters patent be granted to me for the invention or discovery described and claimed in the attached specification and claims, and hereby subscribe my name to said specification and claims and to the foregoing declaration, power of attorney, and this petition.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

| | | | | |
|------------------------------|---|---|---|---------|
| Signature | <i>Paul Ward</i> | | Date | 12/3/01 |
| Full Name of 1st Inventor | Family Name Ward | First Given Name Paul | Second Given Name A. | |
| Residence & Citizenship | City Roslindale | State or Foreign Country Massachusetts | Country of Citizenship U.S.A. | |
| Post Office Address | Post Office Address 153 Cornell Street, Apt. 3 | City Roslindale | State & Zip Code/Country Massachusetts 02131 U.S.A | |

DECLARATION, PETITION AND POWER OF ATTORNEY FOR
PATENT APPLICATIONAttorney Docket No:
56247-155 (CSLL-639)Signature *David M. Gorty*

Date 12/3/01

| | | | |
|------------------------------|---|---|---|
| Full Name of 1st Inventor | Family Name McGorty | First Given Name David | Second Given Name J. |
| Residence & Citizenship | City Holliston | State or Foreign Country Massachusetts | Country of Citizenship U.S.A. |
| Post Office Address | Post Office Address 472 Central Street | City Holliston | State & Zip Code/Country Massachusetts 01746 U.S.A |

Signature *Lane Brooks*

Date 4/30/01

| | | | |
|------------------------------|--|---|---|
| Full Name of 1st Inventor | Family Name Brooks | First Given Name Lane | Second Given Name G. |
| Residence & Citizenship | City Somerville | State or Foreign Country Massachusetts | Country of Citizenship U.S.A. |
| Post Office Address | Post Office Address 299 Washington Street, #1 | City Somerville | State & Zip Code/Country Massachusetts 02143 U.S.A |